

# Action Implementation Blueprints



## ACTION NAME

**Develop an integrated water resource management plan.**

### DESCRIPTION OF ACTION

Concord will develop an integrated water resource management plan to ensure that water systems are resilient to climate change and positively contribute to the health of the public and the environment.

Concord can be a model community by planning and implementing systems that go beyond basic requirements for handling stormwater, groundwater, drinking water, and surface water.

### CHAMPION

Concord Public Works

### IMPLEMENTATION STEPS

### PLANNING CONSIDERATIONS

#### TIME FRAME

#### KEY PARTNERS

1. Develop a scope of work for an integrated water resource management plan including:
  - a. A framework for diverse stakeholder involvement
  - b. Assessment of critical infrastructure as well as system interrelationships between drinking water, wastewater, stormwater, and their relationships to groundwater and surface water
  - c. Implementation strategies

**2020-2021**

- Concord Public Works
- Natural Resources Commission and/or Division
- Planning Division
- Sustainability Division

2. Develop integrated water resources management plan including
  - a. Stakeholder engagement
  - b. Assessment of baseline
  - c. Recommended policy, regulatory, and programs to achieve resilient water management systems

**2020-2022**

- Concord Public Works
- Natural Resources Commission and/or Division
- Planning Division
- Sustainability Division
- Community stakeholders

3. Launch community education program on integrated water resource management.

**2021-2022**

- Concord Public Works
- Natural Resources Commission and/or Division
- Sustainability Division

4. Develop regulatory and economic strategy to optimize water quality and quantity interests (flow, and load).

**2021-2022**

- Concord Public Works
- Natural Resources Commission

Develop an integrated water resource management plan.



FINANCING RESOURCES AND MECHANISMS	
<ul style="list-style-type: none"><li>• MVP Action Grants</li><li>• Concord Public Works Water &amp; Sewer Enterprise budgets</li><li>• Stormwater utility</li></ul>	
TRADEOFFS (CHALLENGES/BARRIERS)	EQUITY CONSIDERATIONS
<ul style="list-style-type: none"><li>• Regulatory barriers including acceptance by state and federal agencies and changing regulatory requirements.</li><li>• Many stakeholders requiring collaboration/consensus relating to cost benefit and schedule.</li></ul>	<ul style="list-style-type: none"><li>• Allows for a more equitable cost distribution across drinking water, wastewater, and stormwater rate payers.</li><li>• Ensures long-term access to quality water, protection of local water resources for all Concord residents.</li></ul>
TRACKING SUCCESS	ENGAGING THE COMMUNITY
<p>Outputs:</p> <ul style="list-style-type: none"><li>• Defined scope of service for resilient water management plan.</li><li>• Baseline assessment of all current water systems and their interrelationships.</li><li>• Development of programs to achieve resilient water management systems.</li></ul> <p>Outcomes:</p> <ul style="list-style-type: none"><li>• Reduced water consumption</li><li>• Improved water quality</li><li>• Reduced impact on natural water resources</li><li>• Increased resilience to flooding and drought conditions</li></ul>	<ul style="list-style-type: none"><li>• Engage residents early in the planning process to gather feedback and share information about the environmental, economic, and health benefits of integrated water resource management.</li><li>• Concord’s approach to integrating climate projections into water management can be a source of pride for Concord and a model for other communities.</li><li>• Engagement can highlight anticipated benefits to residents, businesses and developers.</li></ul>